

**SITE PLAN**  
SCALE: 1" = 50'

**AT XFMR**  
Sq. Footage: N/A  
Panel Size: N/A  
Heat Type: N/A  
Est. Demand: 29 KW  
LRC: 115 A  
% V. Drop: 1.0%  
% Flicker: 1.3%  
Svc Size: N/A  
Svc Length: N/A

**XFMR - HH1**  
Sq. Footage: N/A  
Panel Size: N/A  
Heat Type: N/A  
Est. Demand: 16 KW  
LRC: 115 A  
% V. Drop: 1.5%  
% Flicker: 2.2%  
Svc Size: 350 UG TPX  
Svc Length: 135'

**HH1 - MTR**  
Sq. Footage: 3,110  
Panel Size: 200 A  
Heat Type: GAS  
Est. Demand: 10 KW  
LRC: 115 A  
% V. Drop: 1.7%  
% Flicker: 2.7%  
Svc Size: 4/0 UG TPX  
Svc Length: 50'

## SITE SPECIFIC NOTES

**AT P1 GRID# 225270-166214**  
REMOVE EXISTING 25 kVA OH XFMR  
INSTALL NEW 50 kVA OH XFMR PER STD. 6025.1000  
REFUSE LB C/O AT 15T  
INSTALL (1) 3" CONDUIT RISER ON STANDOFF BRACKETS PER STD. 6042.1000

**AT HH1**  
INSTALL (1) 13 X 24 FG HH PER STD. 6050.1000

**P1 - HH1**  
INSTALL (1) RUN OF 350 UG TPX, L=135'

**HH1 - MTR**  
INSTALL (1) RUN OF 4/0 UG TPX, L=50'  
WO#101098122

\*\*\* CUSTOMER TO PROVIDE 3/8" NYLON PULL ROPE IN CONDUIT \*\*\*

### TRANSFORMER REMOVAL

Removed at site: **P1**  
Grid Number: **225270-166214**  
kVA Rating: **25**

Foreman to redline the following information

Company ID#: \_\_\_\_\_  
Primary phase connected to: \_\_\_\_\_  
Tested Secondary Voltage: \_\_\_\_\_ / \_\_\_\_\_

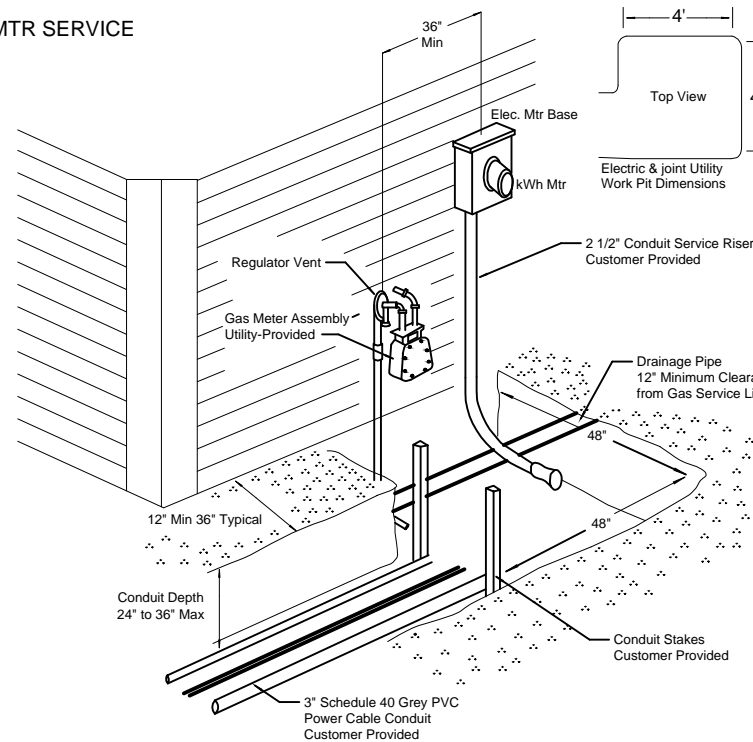
### TRANSFORMER INSTALLATION

Installed at site: **P1**  
Grid Number: **225270-166214**  
kVA Rating: **50**

Foreman to redline the following information

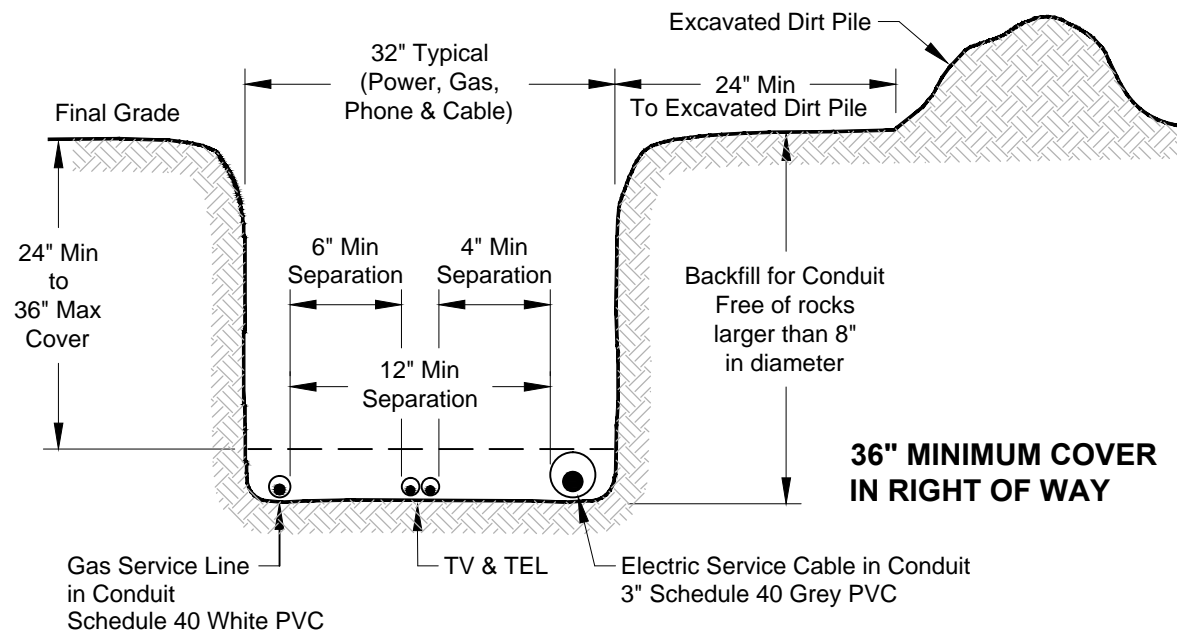
Company ID#: \_\_\_\_\_  
Primary phase connected to: \_\_\_\_\_  
Tested Secondary Voltage: \_\_\_\_\_ / \_\_\_\_\_

### MTR SERVICE



**MTR BASE DETAIL**  
SCALE: NONE

**Backfill for In Conduit** - The backfill layer shall be soil that is free from construction debris, glass, sharp rocks, frozen clods, and rocks larger than 8" in diameter.



**JOINT TRENCH DETAIL**  
Joint Service Line in Conduit (NTS)

## POWER GENERAL NOTES - RESIDENTIAL PROJECT

- All materials to be installed in accordance with Puget Sound Energy's (PSE) standards. Any deviation from this work sketch must be AUTHORIZED by PSE's Project Manager and NOTED on the Foreman's Copy.
- All switching arrangements and/or outage arrangements are to be made with the Project Manager at least three (3) working days in advance.
- Contact the Utilities Underground Location Center (1-800-424-5555) at least 48 hours prior to commencing work to get the underground facilities located.
- STAKING: The customer will provide all staking (transformer, handhole, trench, grade, lot, pole, sidewalk, etc.). See sketch and details for locations. Equipment locations must be approved by the Project Manager.
- SITE PREPARATION: The work area will be at or near finished grade, clear of trench spoils or construction materials which would restrict construction and/or equipment access, before work can begin.
- Roads shall be paved or have a compacted, crushed rock base in place.
- CLEARANCES: Transformers require a minimum of 6 feet from fire fighting equipment, 10 feet from combustible walls, overhangs, doors, and windows, and a minimum of 5 feet from the back of curb (or guard posts will be required per PSE standards). All conduits and vaults are to be at least 5 feet away from water, storm and sewer lines when paralleling them in the right of way, and at least 1 foot when crossing them.
- All work is to be done in accordance with local municipal and county permit requirements as applicable.
- Inclement weather conditions may cause delays in construction times and dates.

